

B1  
concluded

(iv) a natural or synthetic inhibitor of  
PBR.]

B2

22 (Amended). A therapeutic method for the treatment or amelioration of diseases and processes that are mediated by reduced cell proliferation according to claim [16] 21 wherein said PBR is administered to an individual in a composition comprising a vector and PBR DNA, such that PBR is produced and cell proliferation is increased.

23 (Amended). A therapeutic method for the treatment or amelioration of diseases and processes that are mediated by reduced cell proliferation according to claim [16] 21, wherein PBR is increased by administering a ligand of PBR.

Kindly add the following claims.

B3

--37. A composition for decreasing cell proliferation comprising a natural or synthetic inhibitor of PBR function or expression.

38. A method for inhibiting cell proliferation in a subject comprising administering to a subject the composition of claim 37 in a pharmaceutically acceptable amount, such that PBR function or expression is inhibited and cell proliferation is reduced.

39. A composition for reducing cancer growth comprising a natural or synthetic inhibitor of PBR.

40. A method for inhibiting cell proliferation in a subject comprising administering to a subject a composition according to claim 4, in a pharmaceutically acceptable diluent, in a pharmaceutically acceptable amount, such that PBR function or expression is reduced or inhibited and cell proliferation is reduced.

41. The method according to claim 40 wherein said cell proliferation is due to a tumor.

B3 42. The method according to claim 41 wherein said tumor is breast cancer.

43. The composition of claim 1 wherein said drug is natural or synthetic.

44. A method for inhibiting cell proliferation in a subject comprising administering to a subject a composition according to claim 43, in a pharmaceutically acceptable diluent, in a pharmaceutically acceptable amount, such that PBR function or expression is reduced or inhibited and cell proliferation is reduced.

45. The method according to claim 44 wherein said cell proliferation is due to a tumor.